

REMARKS/ARGUMENTS

By this Amendment, claims 1 and 8 are amended to recite that the command input device does not have any wireless transmission module. This limitation is apparent from the written description and Figs. 2 and 3. Claims 16-20 are cancelled without prejudice. Applicant requests favorable reconsideration in view of the following remarks.

Claim Rejections – 35 USC § 103. The Office Action rejected claims 1-15 under Section 103(a) as being unpatentable over Ha et al. (U.S. Patent No. 6,530,838, hereinafter “Ha”) in view of Chu-Chia et al. (U.S. Patent Application Publication No. 2002/0142799, hereinafter “Chu-Chia”). Applicant respectfully submits that claims 1-15 would not have been obvious from the combined teachings of Ha and Chu-Chia.

Ha. The Ha patent discloses a game pad connectable to a personal portable terminal. The personal portable terminal may be a mobile phone or PDA (Personal Digital Assistant) for playing a game. Ha explains that a “personal portable terminal is very inconvenient to manipulate for a game. The inconvenience is worse when key buttons are scaled down and operate on a scroll basis.” Col. 1, lines 46-48. In other words, a mobile phone or PDA is not convenient for playing an electronic game. Ha’s game pad is connected to a portable terminal to enhance the game experience provided by the personal portable terminal. For example, the game pad may include additional key buttons to make it easier to play the game on the personal portable terminal. The game pad may include a vibrator to provide vibration sensation during game play. The game pad may also include a voice processor and a sound source chip to generate sound effects.

Ha’s game pad is used to input commands to the portable terminal via a connector. However, the command from the command generator of the present invention is inputted to a digital data processing system, such as a computer, not to a portable terminal. The portable communication device of the present invention is used as a wireless channel to pass the command to the digital data processing system. Ha’s game pad transmits commands to the portable terminal, but Ha’s portable terminal does not transmit the commands via local wireless transmission to a digital data processing system. Indeed, there is no suggestion or motivation for

Ha's portable terminal to transmit the commands to a digital data processing system because the commands from the game pad are intended to control the game play of the portable terminal.

Chu-Chia. The Chu-Chia patent publication was cited for the purpose of disclosing a PDA connecting with a selectively installed communications module to provide wireless communication with a digital data processing system such as a PC or another PDA. Chu-Chia discloses two communications modules, a GPS (global positioning system) module and a cellular phone module. Chu-Chia, paragraph [0037].

According to the Office Action, it would have been obvious to incorporate the wireless connection as taught by Chu-Chia into the system of Ha. The motivation to do so, according to the Office Action, would be to provide wireless link communication and freedom from wires.

Applicant respectfully submits that this is not sufficient motivation. In the system of Ha, the game pad and the personal portable terminal are close together because the game pad provides commands for game played on the portable terminal. Because the game display or screen on the portable terminal is very small (cellular phone or PDA screen), it is usually held in the user's hand so that it is sufficiently close to see the game details. The "motivation" provided in the Office Action was "freedom from wires." Applicant interprets "freedom from wires" as meaning that the transmitting and receiving devices are spaced apart. Applicant submits that there is no logical reason why one having ordinary skill in the art would be motivated to separate Ha's game pad from the portable terminal. The game pad is specifically designed to be held in a user's hand to operate the game control keys and buttons. Similarly, the small display screen of Ha's portable terminal must be held in a user's hand to be properly seen by the user. If both the game pad and the portable terminal are held in a user's hand, then it is logical to connect them as taught by Ha, and it is unreasonable to separate them using a wireless connection as proposed in the Office Action. Therefore, Applicant submits that there is no motivation to combine Ha and Chu-Chia to arrive at the claimed invention.

Moreover, the object of Ha's patent is to facilitate the input of commands to a portable terminal, and Chu-Chia's application is to extend functions of a GPS and cell phone module to a PDA. Neither Ha nor Chu-Chia, singly or in combination, disclose or suggest the problem

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solved by the present invention of how a command generator without any wireless transmission module can transmit commands via a wireless link.

Applicant respectfully submits that claims 1-15 would not have been obvious from the combined teachings of Ha and Chu-Chia. Applicant respectfully requests withdrawal of the rejection and allowance of the rejected claims. Applicant respectfully requests that a timely Notice of Allowance be issued in this case. If there are any remaining issues preventing allowance of the pending claims that may be clarified by telephone, the Examiner is requested to call the undersigned.

Respectfully submitted,



Evan R. Witt
Reg. No. 32,512
Attorney for Applicant

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MADSON & AUSTIN
Gateway Tower West
15 West South Temple, Suite 900
Salt Lake City, Utah 84101
Telephone: 801/537-1700